



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0016

JOHN ELIAS BALDACCI
GOVERNOR

DAVID A. COLE
COMMISSIONER

June 15, 2004
Subject: Portland-So.Portland
Project No. BH-9025(200)X
PIN: 9025.20
Bid Amendment No. 1

Dear Sir/Ms.:

The Department has received the following Questions and Responses.

Q) What are the lengths of the brush seals required? How long are the bristles? The details of the brushes and how and where are they supported are not clear. Please provide additional information as necessary to estimate.

R) *The brush seals are required to seal the area around the movable bridge gear racks and rack supports. Clearance must be maintained between the moving machinery and the new construction for the entire cycle of opening and closing the bridge and, therefore, the gaps to be sealed by the brushes may not be uniform at each of the four locations and must be determined in the field. The brushes must be adjusted accordingly. The contractor should expect to provide brush seals with bristle lengths varying from 3" to 7". Vertically, they are supported from the new 1/2" steel plates that enclose the racks and rack supports as shown on Section B-B of sheet 4 of 10 Machinery Enclosure-3. Horizontally, they are supported from new steel angles attached to the new timber nailers along the edges of the roof as shown in Elevation View and Section C-C of sheet 5 of 10 Machinery Enclosure-4.*

Q) On Plan Sheet # 7 of 10, Detail A, calls to replace the emergency gear motor and install right angle gear motor. I can't find any spec or detail for this work – please advise.

R) *Please see Special Provisions Section 860 Bridge Operating Machinery (Hydraulic Power Units Relocation and Reducer Modifications).*



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Q) This project adds 12 3kw heaters but there is no direction as to how to control the heaters. We have not been told what panel to get the power from and is there room to add the additional 480v 3 phase breakers. Are the breakers available if not what type/breaker number will we be required to supply?

R) *The north pier enclosure heaters are to be connected to existing Heating Panel HP-1 in the electrical room at the north pier. The south pier enclosure heaters will be connected to panel HP-2 in the roadway level room at the south pier. The contractor will need to supply and install raceway and wire from the enclosures to the referenced panels. Contractor shall provide 4 – 20A, 480V 3-pole circuit breakers that should be commercially available.*

Q) I have not seen the addition of lights or receptacles in the enclosure area. We are asked to relocate one wall light that is in the way of an access point to below the ceiling but that is it. If additional lights are to be added where are we to get the power, how are they to be controlled, and what shall we use for a light? Are there receptacles on the wall that will need to be moved?

R) *The magnitude of this work is difficult to convey, so the cost of these adjustments not specified, have been carried in the Misc, Bridge Features Allowance.*

Q) Are the knock off studs to be case hardened?

R) *No*

Q) Are there prevailing wage rates for Iron Workers, Carpenters, Millwrights, Tug Operators, Deck Hands and Painters and Siders?

R) *There are none currently listed by the Department of Labor. Rates for certain classifications can be requested, but the response could take several months.*

Consider this information prior to submitting your bid on June 16, 2004.

Sincerely,

 FOR

Scott Bickford

Contracts & Specifications Engineer